Kids Day 2001
A Pathway for Tomorrow's Hams

Kid's Day began in 1994 as a one-hour CQ activity for children. **The Boring Amateur Radio Club** of Boring, Oregon conceived the idea to introduce kids to the fun aspects of amateur radio. With the help of the licensed sponsors, the kids would make contact and exchange their favorite color. The initial event drew fewer than 50 participants, but now more than 1,000 participants have turned out for recent Kid's Day events in January and June. Kid's Day now is sponsored and administered by the ARRL with the cooperation and assistance of the BARC.

Kid's Day is intended to encourage young people to enjoy the amateur radio hobby. It gives them hands-on experience to help develop their interest in pursuing a license in the future. It also gives hams a chance to share their stations with the children as they go on-the-air.

As a result of the newly formed Indiana Hoosier Young Amateur Radio Working Group, **Steve Wendt, KB9RDS** has invited interested children to participate locally at the **Indianapolis Red Cross Chapter House**. Kids who would like to operate the amateur radio equipment should email Steve at **kb9rds@arrl.net**.

The suggested exchange between participants would include name, age, location and favorite color. Children are encouraged to work the same station again if the station operator has changed. Contact can be made by calling "CQ Kid's Day."

Suggested operating frequencies are: 28,350-28,400; 21,380 to 21,400, 14,270 to 14,300 kHz. Repeater frequencies in the 2-meter band may be used with the permission of your area repeater sponsor. Control operators must be sure to observe third-party traffic restrictions when making DX QSOs.

Contact logs and comments may be e-mailed to **kids@contesting.com**. You may review these postings on the Web. Those without Internet access may forward comments to the Boring Amateur Radio Club. All participants are eligible to receive a colorful certificate (it becomes the child's personalized ham radio brochure). Send a 9x12 SASE to: Boring Amateur RadioClub, PO Box 1357, Boring, OR 97009.

For more information about this event and the Hoosier Young Amateur Radio Working Group visit the Young Amateur's link on the Indiana ARRL website at **www.inarrl.org.**
For event rules go to **www.arrl.org/ead/kd-rules.html.**

Chuck Crist, KB9IH

Kid's Day 2001

Indianapolis Red Cross Chapter House

January 6th, 2001

**12:00 Noon
to
6:00 PM**

The Mid-State Amateur Radio Club
Membership

The Mid-State Amateur Radio Club is based in Franklin, Indiana. Membership is open to all amateur radio operators and other interested persons.

Club meetings are conducted on the third Saturday of each month in the training room of the Johnson County Emergency Operations Center at 1100 Hospital Road in Franklin, IN.

Membership dues are $18.00 per year for full members. Other types of membership are available.

Amateur Radio Operator License testing is offered following the club meeting during the months of March through November.

The club maintains an open repeater on the 2-meter band at 146.835 MHz. Each full member has access to the repeater and autopatch.

Membership dues payment and change of address should be mailed to the club treasurer at the address listed below.

SNOWMAN ANSWERS: (1) bird's--2-3 (2) hat band (3) smile 4-5 (4) button 2-3 (5) scarf plain dot's

New FCC Proposal

The FCC has proposed requiring everyone that it does business with to obtain and use an FCC Registration Number--or FRN. Many amateurs registered with the Universal Licensing System already have been assigned a 10-digit FRN by the Commission Registration System--or CORES. The FCC has not made its use mandatory, however.

The FCC says requiring individuals and entities to obtain an FRN will help it to better track and manage the collection of fees. The FCC proposes requiring that FRNs be provided with any filings that require payment of a fee, such as the vanity fee for amateurs. FCC Form 159 has been modified to accommodate this requirement, the FCC says.

The FCC is proposing to reject filings requiring an FRN that do not include the number. "These proposed rules would make the use of the FRN mandatory in certain circumstances so that anyone not yet assigned an FRN or who has not yet obtained one must obtain one," the FCC said in its Notice of Proposed Rulemaking (MD Docket 00-205), released December 1.

An individual does not have to hold an FCC license to obtain an FRN. The FCC says the information collected by CORES includes the "entity name and type," Taxpayer Identification Number or TIN--typically a Social Security Number for an individual, contact address and e-mail address. CORES information is not made public.

Comments on the FCC rulemaking notice are due 30 days from the date of publication in The Federal Register. Reply comments are due by 45 days from the date of publication.

The FCC began implementing CORES earlier this year. CORES registration eventually will replace Universal Licensing System, or ULS, registration. More information on CORES is available by visiting the FCC Web site, **www.fcc.gov** and clicking on the CORES registration link.

Reprinted from "The ARRL Letter"

MARC, PO Box 836, Franklin, IN 46131
A SPECIAL SERVICE CLUB OF THE ARRL

Wednesday Night Supper Group
Dining Schedule for 2001

Join us for FOOD and FUN at 6:00 PM -- Everyone Welcome!

OLIVE GARDEN -- **January 10** -- 1247 U.S. 31 SOUTH in GREENWOOD
OLD COUNTRY BUFFET -- **January 17** -- SOUTHERN PLAZA U.S. 31 & I-465
DENNY'S -- **January 24** -- MAIN & I-65 SOUTH in GREENWOOD
MCL-CAFETERIA -- **January 31** – GREENWOOD MALL
MI-PUEBLO -- **February 7** -- 601 W. BANTA in FRANKLIN
FOUR-SEASONS -- **February 14** -- U.S. 135 SOUTH & COUNTY LINE ROAD
FRIDAY'S -- **February 21** -- at the GREENWOOD MALL
GOLDEN-CORRAL -- **February 28** -- U.S.31 SOUTH in FRANKLIN
THE SIRLOIN STOCKADE -- **March 7** -- in COLUMBUS
JOHATHAN BYRDS -- **March 14** -- I-65 & MAIN in GREENWOOD
ATHENS -- **March 21** -- NORTHWOOD PLAZA in FRANKLIN
OLD COUNTRY BUFFET -- **March 28** -- SOUTHERN PLAZA 1-465 & U.S. 31 SOUTH

--Joe Rogers, KF9LQ

TAXIS IN SPACE?
20-METER TICKS CHALLENGE INTRUDER WATCHERS

Interference to the AO-27, UO-14, SO-35 and possibly other Amateur Radio satellites tentatively has been traced to taxi fleet transmissions from south of the US border. "The stations appear to be unlicensed Mexican taxi operators operating in the satellite uplink portion of the band," said Brennan Price, N4QX, of the ARRL Monitoring System. AMSAT News Service reports that severe interference from other allegedly unlicensed Spanish-speaking stations continues on 145.850 and 145.825 MHz and transmissions were being picked up by UO-14 and SO-35. "Since VHF signals don't go so far, except via satellite, finding these folks is tough," Price said.

IARU Region 2 Monitoring System Coordinator Martin Potter, VE3OAT, reports that one signal source in Mexico that was interfering with the AO-27 uplink was located, thanks to intervention from FMRE, the Mexican IARU society. FMRE reported the situation to COFETEL, the Mexican telecommunications authority. COFETEL made the taxi drivers move away from the AO-27 uplink, but taxi operations continue on other 2-meter frequencies, and AO-27 was still experiencing similar interference at last report.

Meanwhile, the FCC tentatively has identified a mysterious "tick-tick" intruder signal as the third harmonic of an ocean current-sensing radar near Atlantic City run by Rutgers University. The FCC directed the licensee to eliminate the harmonic but did not order the transmitter shut down. The transmitter manufacturer has since installed a low-pass filter to eliminate the interference. The "tick" showed up from 14.275 to 14.381 MHz.

The typical signal of the experimental Rutgers radar system is 25 kHz wide. While the tick was audible, it did not present significant interference to amateurs.

Reprinted from "*The ARRL Letter*"

ARRL'S "RADIOS ON-LINE" SERVICE
FREE TO MEMBERS

Listing a classified ad to buy and sell Amateur Radio-related equipment on the ARRL's Radios On-Line service now is free to League members. Listings will continue to be available for viewing by everyone, but now that Radios On-Line is an ARRL membership benefit, only League members may post ads. ARRL members now will be able to post free ads up to 100 words--subject to a few rules. Members first must register for access to the ARRL members-only pages and be logged on as a member in order to post ads. Classifieds listed on Radios On-Line will remain posted for 30 days unless canceled earlier.

Radios On-Line is for noncommercial, personal use. There are no provisions for nonmembers to post classified advertising. The service provides for listings in more than two dozen categories. Members may list ads seeking or selling Amateur Radio-related equipment. The site includes a search engine to look for specific items.

The ARRL does not warrant any items advertised on Radios On-Line, nor are individual advertisers subject to scrutiny. The ARRL reserves the right, at its discretion, to decline a listing or to discontinue an ad without prior notice.

Visit the Radios On-Line site **www.arrl.org/RadiosOnline** to place or view ads. For information on how to join the ARRL, visit ARRLWeb, **www.arrl.org**, and click on the "JOIN ARRL" button.

Reprinted from "The ARRL Letter"

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Can you find the differences between these two pictures? There are five things that are obviously differently! The answers are on page 2.

A Universal Truth

When the management of an organization talks about improving the productivity and efficiency of the people of the organization, they are never referring to themselves!

Digital Demo

What was billed as a digital demo quickly turned into a digital disaster as members of the Mid-State ARC attempted to communicate with the Indiana State Emergency Operations Center. The December 9th demo was an opportunity for central Indiana hams to see the latest digital technology in action. Twenty hams jammed into the small amateur radio communications room at the Johnson county EOC to see if the old and new digital radio equipment could pass muster. The entire effort short-circuited when the one and only 486 desktop computer refused to run software designed for PSK 31 and Slow Scan TV. The computer normally runs WinAPRS. That mode worked fine. A faster running laptop saved the day and performed flawlessly when participants discovered an error in the I/O cables coming from the newly purchased RigBlaster. By early afternoon Johnson county hams had adapted and overcome the computer shortfalls and were communicating with other counties around central Indiana. The EOC 70cm radio helped bridge the communications gap while ever vigilant APRS station received messages from the state EOC regarding band and frequency changes.

The Johnson county effort was coordinated by Chuck Moser-KB9TEO and Jack Parker-W8ISH. Both agreed the demo was a success and are developing plans to upgrade and streamline digital communications equipment in the Johnson county EOC.

-W8ISH

Photos copyrighted Dave Wendt 2000
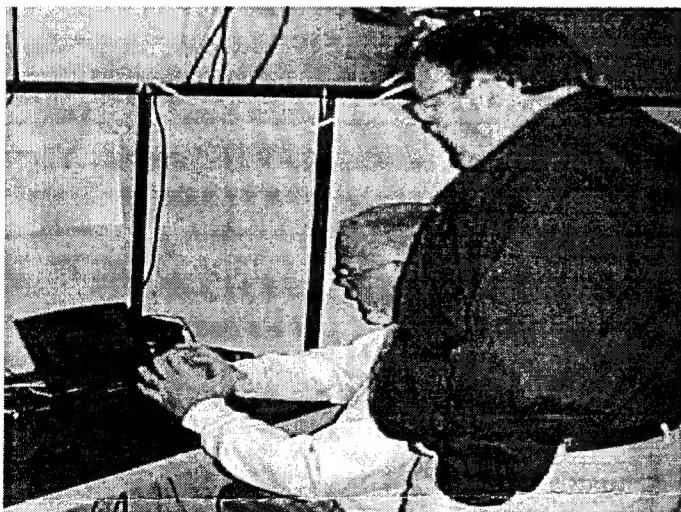
Jack Parker-W8ISH shows newly licensed ham Don Rathike-KB9YKF how to use PSK31 and the new RigBlaster interface box for digital communications on 40 meters.
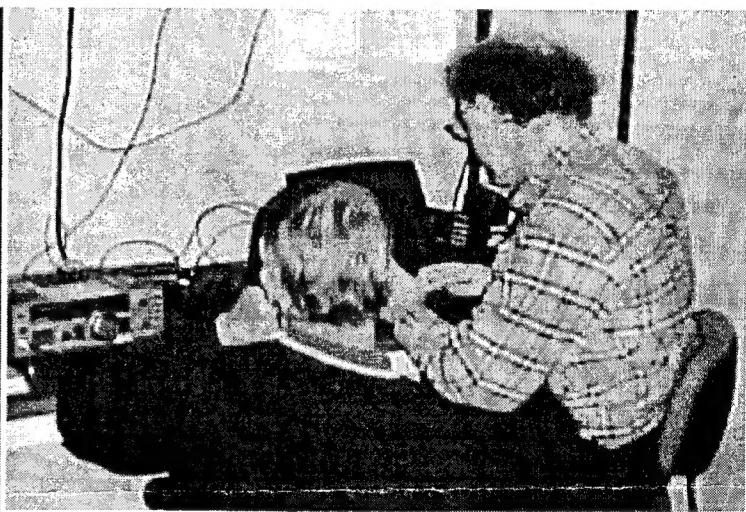
Ernest Clark-KB9SKI and Chuck Moser-KB9TEO sent and received test messages using PSK31 the Kenwood TS-450 HF rig and the new RigBlaster interface box.

Little Known Computer Facts

(1) The attention span of a computer is only as long as it's electrical cord.
(2) Upgraded software will break down as soon as the old version is deleted.
(3) Tech support will provide everything except what is needed to solve YOUR problem.
(4) Your new hardware won't run your old software.
(5) Typing errors are not noticed until you hit the "send" button.
(6) Computer intelligence is no match for natural human stupidity.
(7) A computer makes as many mistakes in one second as 10 men in 10 years.
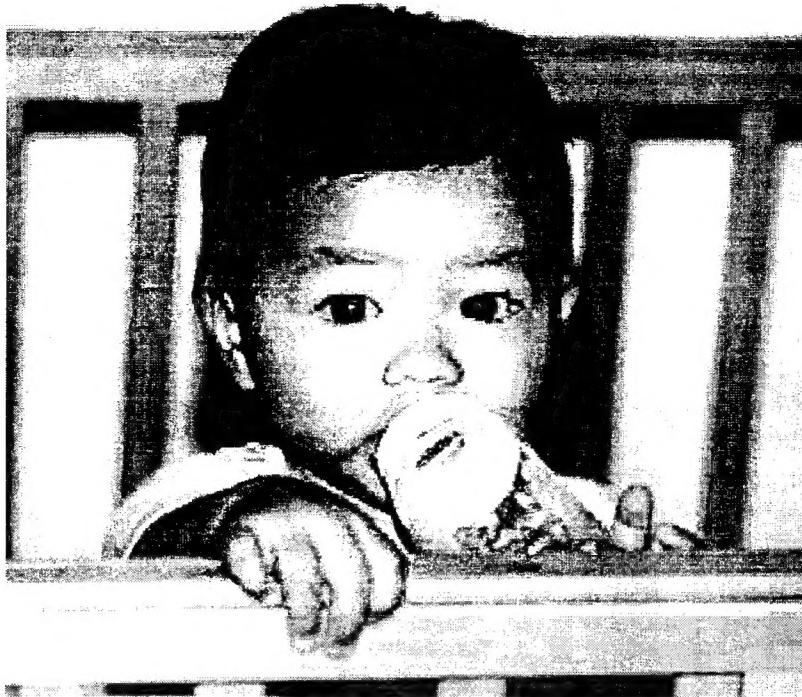
Annika
Joe Roger KF9LQ has a new Granddaughter!

New Class Planned

Dave Wendt KA9OOH will be having a Tech class starting March 5th. It will meet at the Greenwood Fire Station #3 on Stop 18 Road off of US 31 South. Classes will begin at 7:00 PM. For more information call Dave at 881-6531.

Club Meeting

Saturday

December 16

8:00 AM

at the

Johnson County EOC